

Connected Mathematics 2: Grade 8 Kentucky Student Edition Bundle

Bundle includes: Eight Grade 8 Student Units and One Kentucky Additional Lessons Grade 8

Students develop understanding of concepts/skills, ways of thinking/reasoning. Includes linear/inverse variation, Pythagorean Theorem, exponential/quadratic relationships, symmetry/transformations, linear relationships/inequalities, data and statistics.

Contract Price

\$71.76

Grade

8

TYPE

P2

Copyright

2009

Author

Lappan et al.

Edition

2nd

Content

Grade 8 Mathematics

Readability

930L

Accessibility

Nimas

Researchwww.phschool.
com/cmp2research/

Teacher Edition

0133686159 \$167.47

Connected Mathematics 2: Teacher's Guide Package, Grade 8

Essential Items

0133661490 Nimas \$8.97

Connected Mathematics 2: Thinking with Mathematical Models - Student Edition, English

0133661504 Nimas \$8.97

Connected Mathematics 2: Looking for Pythagoras - Student Edition, English

0133661512 Nimas \$8.97

Connected Mathematics 2: Growing, Growing, Growing - Student Edition, English

0133661520 Nimas \$8.97

Connected Mathematics 2: Frogs, Fleas, and Painted Cubes - Student Edition, English

0133661539 Nimas \$8.97

Connected Mathematics 2: Kaleidoscopes, Hubcaps, and Mirrors - Student Edition, English

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Connected Mathematics 2: Say It With Symbols - Student Edition, English

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Connected Mathematics 2: Shapes of Algebra - Student Edition, English

0133661571 Nimas \$8.97

Connected Mathematics 2: Samples and Populations - Student Edition, English

0133626539 Nimas \$8.97

Connected Mathematics 2: Kentucky Additional Lessons Grade 8

Ancillary Items

0133661792 Nimas \$9.47

Connected Mathematics 2: Frogs, Fleas, and Painted Cubes - Spanish Student Edition

0133662055 \$20.97

Connected Mathematics 2: Frogs, Fleas, and Painted Cubes - Teacher's Guide

0132504251 \$269.97

Connected Mathematics 2: Grade 8 Manipulative Kit

0133661229 Nimas \$68.47

Connected Mathematics 2: Grade 8 Single Bind (8 Student Editions, English)

0133661784 Nimas \$9.47

Connected Mathematics 2: Growing, Growing, Growing - Spanish Student Edition

0133662039 \$20.97

Connected Mathematics 2: Growing, Growing, Growing - Teacher's Guide

0133661806 Nimas \$9.47

Connected Mathematics 2: Kaleidoscopes, Hubcaps, and Mirrors - Spanish Student Edition

0133662063 \$20.97

Connected Mathematics 2: Kaleidoscopes, Hubcaps, and Mirrors - Teacher's Guide

0133661776 Nimas \$9.47

Connected Mathematics 2: Looking for Pythagoras - Spanish Student Edition

0133662020 \$20.97

Connected Mathematics 2: Looking for Pythagoras - Teacher's Guide

0133661830 Nimas \$9.47

Connected Mathematics 2: Samples and Populations - Spanish Student Edition

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0133661814	Nimas	\$9.47
Connected Mathematics 2: Say It With Symbols - Spanish Student Edition		
0133662071		\$20.97
Connected Mathematics 2: Say It With Symbols - Teacher's Guide		
0133661768	Nimas	\$9.47
Connected Mathematics 2: Thinking with Mathematical Models - Spanish Student Edition		
0133662012		\$20.97
Connected Mathematics 2: Thinking with Mathematical Models - Teacher's Guide		
0133661822	Nimas	\$9.47
Connected Mathematics 2: Shapes of Algebra - Spanish Student Edition		
Free with Purchase items		
0131338498	Connected Mathematics 2 - Additional Practice and Skills Workbook,	\$6.47
Free upon request, 1 per Teacher User with full implementation of CMP2, Grade 8, with a minimum		
0131338927	Connected Mathematics 2 - Additional Practice and Skills Workbook,	\$35.47
Free upon request, 1 per Teacher User with full implementation of CMP2, Grade 8, with a minimum		
0131656104	Connected Mathematics 2 - ExamView Test Generator CD-ROM,	\$129.97
Free upon request, 1 per Teacher User with full implementation of CMP2, Grade 8, with a minimum		
0131656163	Connected Mathematics 2 - Additional Practice and Skills Workbook,	\$5.47
Free upon request, 1 per Teacher User with full implementation of CMP2, Grade 8, with a minimum		
0131656260	Connected Mathematics 2 - Teaching Transparencies, Grade 8	\$59.47
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0131658565	Connected Mathematics 2 - Parent Guide, Grades 6-8	\$20.97
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0131658573	Connected Mathematics 2 - Special Needs Handbook, Grades 6-8	\$20.97
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0131658727	Connected Mathematics 2 - Test-taking Strategies with	\$46.47
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0133626512	Connected Mathematics 2 - Kentucky Test Prep Workbook, Grade 8	\$3.47
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0133626539	Connected Mathematics 2 - Kentucky Additional Lessons, Grade 8	\$8.97
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0133626792	Connected Mathematics 2 - Kentucky Additional Lessons Teacher's	\$20.97
Free upon request, 1 per Teacher User with full implementation of CMP2, Grade 8, with a minimum		
0133640027	Connected Mathematics 2 - Interactive Text 6-year Online Access,	\$68.47
Free upon request, 1 per Student Unit purchased, with full implementation of CMP2, Grades 6-8		
0133640043	Connected Mathematics 2 - StudentEXPRESS CD-ROM, Grades 6-8	\$68.47
Free upon request, 1 Class Set of StudentEXPRESS CD-ROMs with full implementation of CMP2, Grades		
0133640051	Connected Mathematics 2 - Teacher Online Access Pack, Grades 6- 8	\$299.97
Free upon request, 1 per Teacher User with full implementation of CMP2, Grades 6-8, with a minimum		
0133661113	Connected Mathematics 2 - Strategies for English Language	\$20.97
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0133661482	Connected Mathematics 2 - TeacherEXPRESS CD with PowerPoint	\$199.97
Free upon request, 1 per Teacher User with full implementation of CMP2, Grade 8, with a minimum		
0133662136	Connected Mathematics 2 - Success Tracker 6-year Online Access,	\$19.00
Free upon request, 1 per Student with full implementation of CMP2, Grades 6-8, with a minimum		
0133662160	Connected Mathematics 2 - Success Tracker Teacher Online Access	\$69.97

Connected Mathematics 2: Grade 8 Kentucky Student Edition Bundle

Free upon request, 1 per Teacher User with full implementation of CMP2, Grade 8, with a minimum		
0133662179	Connected Mathematics 2 - Teaching Middle Grades with TI	\$129.97
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013133994X	Connected Mathematics 2 - Assessment Resources, Grade 8	\$25.47
Free upon request, 1 per Teacher User with full implementation of CMP2, Grade 8, with a minimum		
013366127X	Connected Mathematics 2 - Assessment Resources, Spanish, Grade 8	\$26.47
Free upon request, 1 per Teacher User with full implementation of CMP2, Grade 8, with a minimum		

Evaluation Tool for Basal Instructional Materials
Mathematics (2009 – 2015)

Provided by the Publisher	ISBN 0133682412		Publisher - Pearson Education, Inc., publishing as Prentice Hall		Provided by the Publisher
	Connected Mathematics 2: Grade 8 Kentucky Student Edition Bundle				
	Type - P2	Author - Lappan et al.			
	Copyright - 2009	Edition - 2nd	Readability - 930L		
	Course - Grade 8 Mathematics		Grade(s) - 8		
Teacher Edition ISBN if applicable0133686159					

Overall Recommendation:

Recommended as BASAL

Overall Strengths, Weaknesses, Comments:

if this box is not checked, the evaluators have
chosen NOT recommend as basal

The text covers the POS for grade 8 mathematics. The format engages the students in problems that encompass an entire unit. Students are involved in reading, writing, and critical thinking. There are numerous applications, connections, and extensions provided for differentiation of assignments.

NIMAC Accessibility N
Ancillary Yes
Free with Purchase Yes
Research Yes www.phschool.com/cmp2research/

Bundle includes: Eight Grade 8 Student Units and One Kentucky Additional Lessons Grade 8

CRITERIA

This basal resource ...

A. Encompasses KY Content Standards & Grade Level Expectations Strong Evidence

Text is designed to be used in an elective course outside the Program of Studies

1) Includes the 5 Big Ideas of mathematics to the following extent:

- | | |
|--|-----------------|
| a) Number Properties and Operations | Strong Evidence |
| b) Measurement | Strong Evidence |
| c) Geometry | Strong Evidence |
| d) Data Analysis and Probability | Strong Evidence |
| e) Algebraic Thinking | Strong Evidence |

2) Addresses content-specific enduring understandings from the related Program of Studies standards.

Strong Evidence

3) Addresses content-specific skills and concepts from the related Program of Studies standards.

Strong Evidence

4) Content addressed is current, relevant and non-trivial	Strong Evidence
5) Provides opportunities for critical thinking/reasoning	Strong Evidence
6) Strengths, Weaknesses, Comments: <ul style="list-style-type: none"> • Specific strengths-which areas/concepts are covered exceptionally well? • Specific weaknesses-which areas/concepts would likely require supplementing? <p>The content for grade level 8 is covered by this text. The content is current and relevant to the students. The structure provides opportunities for critical thinking and reasoning from the students.</p>	

B. Functionality & Suitability	Strong Evidence
1) Suitability	Strong Evidence
<ul style="list-style-type: none"> • Should be suitable for use with a diverse population and is free of bias regarding race, age, ethnicity, gender, religion, social and/or geographic environment; is free of stereotyping or bias of any kind. 	
2) Content quality	Strong Evidence
<ul style="list-style-type: none"> • Free from factual errors • Content is presented conceptually when possible—more than a mere collection of facts • Content included accurately represents the knowledge base of the discipline • Theories/scientific models contained represent a broad consensus of the scientific community • Interconnections among mathematical topics 	
3) Connections to Literacy	Strong Evidence
<ul style="list-style-type: none"> • Employs a variety of reading levels and is grade/level appropriate • Use of multiple representations-concrete, visual/spatial, graphs, charts, etc. • Provides opportunities for summarizing, reviewing, and reinforcing vocabulary skills and concepts at multiple levels of difficulty for a variety of learning styles. • Student text provides opportunity to integrate reading and writing • Uses vocabulary that is age and content appropriate • Focuses on critical vocabulary vs. extensive lists • Identifies key vocabulary through definitions in both text and glossary • The text is engaging and facilitates learning • Embedded activities enhance the understanding of the text <p><i>Note: may apply to either student or teacher editions</i></p>	
4) Connections to Technology	Strong Evidence
<ul style="list-style-type: none"> • Integrates technology and reflects the impact of technological advances • Uses technology in the collection and/or manipulation of authentic data • Embeds web links as a mathematics resource. 	
5) Support for Diverse Learners	Choose an item.
<ul style="list-style-type: none"> • Provides support for ESL students 	

Evaluation Tool for Basal Instructional Materials
Mathematics (2009 – 2015)

- Provides support for differentiation of instruction in diverse classrooms
- Challenge for gifted and talented students
- Support for students with learning difficulties

Note: may apply to either student or teacher editions

6) Strengths, Weaknesses, Comments:

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

The text is reading level appropriate. Vocabulary words are integrated in the literature. There is no specific connection to technology, however, there is an online student and teacher resource page available. There are differentiated instruction activities and assignments provided in the teacher edition. There are no resources provided for ESL students in the teacher edition.

C. Supports Inquiry and Skill Development	Strong Evidence
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1) Promotes Inquiry, research and Application of Learning

Strong Evidence

- Provides opportunities for inquiry and research that includes activities such as gathering information, researching resources, observing, interviewing, and evaluating information, analyzing and synthesizing data and communicating findings and conclusions, formulating authentic questions to deepen and extend mathematical reasoning.
- Requires students to use higher-level cognitive skills (analysis, synthesis, evaluation, generalizing, justifying, etc.)
- Provides activities and projects for students to deepen their knowledge and cultivate and strengthen problem-solving and decision-making skills.
- Provides opportunities for application of learned concepts.
- Uses a variety of relevant charts, graphs, diagrams, number lines, and other illustrations to invite and motivate students to engage in discussion, problem solving, and other high-order thinking skills.
- Emphasizes conceptual understandings that invite students to predict, conclude, evaluate, develop and extend ideas to support reasoning.

Note: may apply to either teacher or student edition

2) Skill Development

Strong Evidence

- Provides opportunities to make sense of all mathematics
- Provides opportunities to recognize, create, and extend patterns.
- Provides opportunities for critical thinking and reasoning.
- Provides opportunities to justify/prove responses.
- Provides opportunities to ask deeper questions.
- Contains embedded activities (or extensions) that emphasize use of technology for problem solving

Note: may apply to either teacher or student edition

3) Strengths, Weaknesses, Comments:

The text is designed around holistic problems that encompass a unit. The students are guided through the problem in an inquiry-based approach. This provides the opportunity to develop concepts, problem-solving skills, and decision-making skills. There are higher-order

questions that challenge the students to integrate the mathematical concepts. All DOK levels are sufficiently covered. Each chapter has applications, connections, and extensions to further challenge the students and provided differentiation.

D. Supports Best Practices of Teaching and Learning

Strong Evidence

1) Engages Students

Strong Evidence

- Includes content geared to the needs, interests, and abilities of all students
- Engages and motivates students using components such as real-life situations, simulations, experiments, and data gathering.
- Includes information and activities that assist students in seeing relevance of concepts (where appropriate) to their own lives and experiences
- Provides a variety of strategies, activities, and materials to enhance student learning at the appropriate learning levels
- Activities are truly congruent to the concepts addressed, not merely correlated

Note: may apply to either teacher or student edition

2) Uses Assessment to Inform Instruction

Moderate Evidence

- Includes multiple means of assessment as an integral part of instruction
- Provides evaluation measures in the teacher edition that supports differentiated learning activities
- Embedded assessments reflect a variety of Depth of Knowledge levels

Note: may apply to either teacher or student edition

3) Strengths, Weaknesses, Comments:

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards

The text engages the students in real-life problems that are relevant and non-trivial. These include projects and hands-on activities that keep the students interested in the mathematics. In the teacher edition there is a rubric for informal and formal assessment, both formative and summative. However, many of the assessments are located in the ancillary materials. The problems provide (applications, connections, and extensions) a varying levels of DOK.

E. Has an Organization/ Format that Supports Learning and Teaching

Strong Evidence

1) Organizational Quality

Strong Evidence

- Print and/or electronic materials present minimal barriers to learners, but also add encouragement for students to stretch and make further explorations.
- Presents chapters/lessons in an organized and logical sequence
- Provides clearly stated objectives for each lesson.
- Uses text features (e.g., titles, headings, subheadings, review questions, goals, objectives, space, print, type size, color) to enhance readability.
- Makes use of various forms of media (e.g., CD's, recordings, videos, cassette tapes, computer software, web-based components, interactive software, calculators, physical and virtual manipulatives) as either student or teacher resources
- Includes clear, accurate, appropriate and clearly explained illustrations and/or graphics that

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Mathematics (2009 – 2015)

reinforce content standards.

- Incorporates a glossary, footnotes, recordings, pictures, and/or tests that aid pupils and teachers in using the book effectively
- Uses grade-appropriate type size
- Included media are durable, easy to use and have technical merit
- Construction appears to be durable and able to withstand normal use

2) Essential Components (beyond student and teacher text)

Little or No Evidence

- Items identified as essential components support the learning goals and concept coverage of the basal

3) Strengths, Weaknesses, Comments:

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

The text is written and organized for middle school students. The large font and small paragraphs are appropriate. Goals are located at the beginning of each unit in both the student and teacher texts. There is little use of outside media beyond references to a tutorial website. Ancillary materials are available. Included are the individual chapters in booklet form.

F. Has available Ancillary/ Gratis Materials

Note: The decision whether to recommend or not recommend this resource as a basal should not be influenced by Section F

Strong Evidence

1) Ancillary/Gratis Materials

- Coordinates teacher resources easily with student material (e.g., accompaniments included, student pages shown, instructional technology indicated).
- Are well-organized and easy to use
- Provide substantive learning opportunities and are congruent with student learning goals
- Provide opportunities for high-level thinking, assessment, and/or problem solving
- Provides opportunities for intervention.

2) Strengths, Weaknesses, Comments:

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

The ancillary materials include the Spanish version of the text (in booklets), additional lessons teacher guide, assessment resources, KCCT test preparation workbook, additional practice and skills workbook (also available in Spanish), and teaching transparencies.
